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11000 U.S. PTO  
09/884763  
06/19/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Mekis et al. GROUP: Unknown  
SERIAL NO: Unknown EXAMINER: Unknown  
FILED: Herewith  
FOR: LOW-LOSS RESONATOR AND METHOD OF MAKING  
SAME

Assistant Commissioner of Patents  
Washington, D.C. 20231

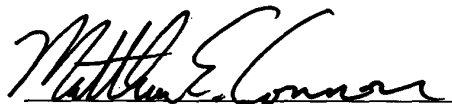
Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits  
copies of the documents listed on the attached Form PTO-1449.

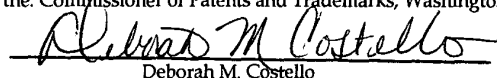
The Commissioner is authorized to charge Deposit Order Account No. 19-  
0079 for any further fee that is required.

Respectfully submitted,



Matthew E. Connors  
Registration No. 33,298  
Samuels, Gauthier & Stevens, LLP  
225 Franklin Street, Suite 3300  
Boston, Massachusetts 02110  
Telephone: (617) 426-9180  
Extension: 112

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited on  
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Deborah M. Costello

Date 6/19/01

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP (Rev. 5/92) 225 Franklin Street, Boston, MA 02110 Telephone: (617) 426-9180  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY DOCKET NO. 5656  <u>Mekis et al.</u> APPLICANT  <u>Herewith</u> FILING DATE	SERIAL NO. <u>Unknown</u>  <u>Unknown</u> GROUP  <u>Unknown</u> EXAMINER
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 09/884763  
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AD						
	AE						
	AF						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER INITIAL							
	AG	"Microcavities in photonic crystals: Mode symmetry, tenability, and coupling efficiency", Villeneuve et al., Physical Review B. Volume 54, No. 11, September 15, 1996, The American Physical Society, pgs: 7837-7842					
	AH	"Whispering-gallery mode microdisk lasers", McCall et al., Appl. Phys. Lett., January 20, 1992, American Institute of Physics, pgs: 289-291					
	AI	"Surface-roughness-induced contradirectional coupling in ring and disk resonators", Little et al., Optics Letters, Vol. 22, No. 1, January 1, 1997; 1997 Optical Society of America; pgs: 4-6					
	AJ	"Guided and defect modes in periodic dielectric waveguides", Fan et al., 1995 Optical Society of America, Vol. 12, No. 7, pgs: 1267-1272					
	AK	"Air-bridge microcavities", Villeneuve et al., 1995 American Institute of Physics, Appl. Phys. Lett. 67, July 10, 1995, pgs: 167-169					
	AL	"Guided Modes in Photonic Crystal Slabs" Physical Review B, Volume 60, No. 8, August 15, 1999, The American Physical Society, pgs: 5751-5758					
	AM	"Three-dimensional photon confinement in photonic crystals of low-dimensional periodicity", Villeneuve et al., Vol. 145, No. 6, December 1998, pgs: 384-390					
	AN	"Radiation losses of waveguide-based two-dimensional photonic crystals: Positive role of the substrate", Benisty et al., Applied physics Letters, Vol. 76, No. 5, January 31, 2000, pgs 532-534					
	AO	"Defect modes of a two-dimensional photonic crystal in an optically thin dielectric slab", Painter et al., 1999 Optical Society of America, Vol. 16, No. 2, February 1999, pgs: 275-285					
	AP	"Multiple-cancellation mechanism for high-Q cavities in the absence of a complete photonic band gap", Johnson et al., Applied Physics Letters, Vol. 78, NO. 22, May 28, 2001, pgs: 3388-3390					
	AQ	"Ray Chaos and Q Spoiling in Lasing Droplets", Mekis et al., Physical Review Letters, Vol. 75, No. 14, October 2, 1995, The American Physical Society, pgs: 2682-2685					
	AR	"High Extraction Efficiency of Spontaneous Emission from Slabs of Photonic Crystals", Fan et al., Physical Review Letters, Vol. 78, No. 17, April 28, 1997, pgs: 3294-3297					
EXAMINER		DATE CONSIDERED					

<b>EXAMINER:</b>	Initial if citation considered, whether or not citation is in nformanc with MPEP 609; draw line through citation if not in conformance and not consid r d. In lud copy of this form with n xt c mmunication to applicant.
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